

TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531



Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act

Date Issued: **OCT 23 2009**

Permit Number:
962054P

Date Expires: September 1, 2010

Issued To:
Lowe's Home Centers, Inc

Installation Address:
3535 Rhea County Hwy
Dayton

Installation Description:
One (550 hp) Internal
Combustion Diesel Engine

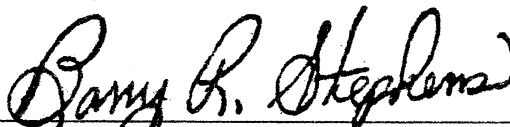
Emission Source Reference No.
72-0129-01

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated May 30, 2008 and the additional information that was utilized was received September 22, 2009, and both were signed by W. Layne Adams, Jr., VP Retail Facility Management for the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants. This permit does not cover any air contaminant source that does not conform to the conditions of this permit and the information given in the approved application.

(conditions continued on next page)


TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. The maximum total heat input capacity for this source shall not exceed 1,400,000 British Thermal Units per hour (1.4 MMBtu/hr).
3. Only diesel fuel shall be used as fuel for this source.
4. The maximum fuel usage for this source shall not exceed 13,500 gallons during all intervals of twelve (12) consecutive months. This limitation is established pursuant to the information contained in the agreement letter dated September 16, 2009 from the permittee. The permittee has requested this limit in order to reduce fees. Compliance with this requirement shall be indicated by the records required by **Condition 10**.
5. Particulate Matter (TSP) emitted from this source shall not exceed 0.20 g/kw-hr (0.18 pounds per hour).
40CFR 89.112

Compliance is assured based on the manufacturer's emission information for this engine.

6. Sulfur Dioxide (SO₂) emitted from this source shall not exceed 0.15 pounds per hour. The 0.15 pounds per hour limitation is established pursuant to the information contained in the agreement letter dated September 16, 2009 from the permittee and TAPCR 1200-3-14-.02(2)(a). The permittee has requested this limit in order to reduce annual emission fees.
7. Carbon Monoxide (CO) emitted from this source shall not exceed 3.5 g/kw-hr (3.16 pounds per hour).
40CFR 89.112.

Compliance is assured based on the manufacturer's emission information for this engine.

8. Nitrogen Oxides (NO_x) and Non-Methane Hydrocarbons (NMHC) emitted from this source shall not exceed 4.0 g/kw-hr (3.61 pounds per hour) combined.
40CFR 89.112.

Compliance is assured based on the manufacturer's emission information for this engine.

9. Compliance with the emission limits in **Conditions 5, 7, and 8** is based on engine manufacturer emission data and the 2007 Model Year Certificate of Conformity. Compliance with the emission limit on **Condition 6** is based on engine rating and power; and data supplied by the manufacturer.
10. The permittee shall maintain a record of the monthly fuel usage and type of fuel used (No. 2 Fuel Oil, Diesel Fuel) at this source, in a form that readily provides the information required in the following table and shows compliance with **Conditions 3 and 4**. The permittee shall retain this record at the source location for a period of not less than five (5) years and keep this record available for inspection by the Technical Secretary or their representative.

(conditions continued on next page)

MONTHLY/YEARLY LOG: Source 72-0129-01

Year:							
Month	Type of Fuel Used	Fuel Usage (gallons)	Fuel Usage (gallons/12 consecutive months)	Month	Type of Fuel Used	Fuel Usage (gallons)	Fuel Usage (gallons/12 consecutive months)
January				July			
February				August			
March				September			
April				October			
May				November			
June				December			

The Gallons per 12 consecutive month value is the sum of the Fuel Usage (in gallons) in the 11 months preceding the month just completed + the Fuel Usage (in gallons) in the month just completed. If data is not available for the 11 months preceding the initial use of this table, this value will be equal to the value for "Fuel Usage".

11. Should proof of compliance for the pollutant(s) with emission limitations placed on this permit be required, the emissions measuring test method(s) and procedure(s) are the following:

Pollutant or Parameter	Testing Methodology
Sulfur Dioxide	EPA Method 6 as published in the current 40 CFR 60, Appendix A
Particulate Matter	EPA Method 5 as published in the current 40 CFR 60, Appendix A
Carbon Monoxide	EPA Method 10 as published in the current 40 CFR 60, Appendix A
Nitrogen Oxides	EPA Method 7 as published in the current 40 CFR 60, Appendix A
Volatile Organic Compounds	EPA Method 25A as published in the current 40 CFR 60, Appendix A

12. Visible emissions from the this source shall not exhibit greater than twenty percent (20%) opacity as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (6 minute average). TAPCR 1200-3-5-.03(6).
13. This permit is valid only at this location.
14. This permit shall serve as a temporary operating permit from initial start-up to the receipt of a standard operating permit (regardless of the expiration date), provided the operating permit is applied for within thirty (30) days of initial start-up and the conditions of this permit and any applicable emission standards are met.

(end of conditions)

The permit application gives the location of this source as 35.464N latitude; 85.041W longitude.